

EQUIVALENT FRACTIONS

4th Grade



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NAME: _____

EQUIVALENT FRACTIONS

Directions: Each shape in the picture represents a fraction for each shape. Color.

Green	Yellow	Purple
$\frac{1}{4}$	$\frac{1}{2}$	$\frac{1}{2}$



NAME: _____

EQUIVALENT FRACTIONS

Directions: For each fraction, then, show the equivalent fraction.

1

$\frac{1}{4}$

2

$\frac{1}{2}$

3

$\frac{3}{4}$

1

$\frac{1}{4}$

2

$\frac{2}{3}$

3

$\frac{1}{2}$

4

$\frac{1}{3}$

5

$\frac{4}{5}$

6

$\frac{3}{4}$

NAME: _____

EQUIVALENT FRACTIONS

Directions: For each fraction, then, show the equivalent fraction.

1

$\frac{1}{4}$

2

$\frac{1}{2}$

NAME: _____

EQUIVALENT FRACTIONS

NAME: _____

EQUIVALENT FRACTIONS

DATE: _____

What is an EQUIVALENT FRACTION?

EQUIVALENT FRACTIONS

are two fractions that are the same size or located at the same point on the number line.

$\frac{1}{2}$



=



$\frac{2}{4}$

$\frac{2}{3}$

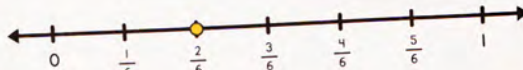


=



$\frac{4}{6}$

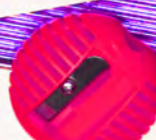
$\frac{2}{6}$



=



3



NAME: _____

EQUIVALENT FRACTIONS

Identifying equivalent fractions

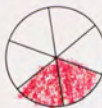
Directions: For each given fraction below, create equivalent fractions by shading the diagram and writing the equivalent fraction.

1

$$\frac{1}{3}$$



$$= \frac{2}{6}$$



$$= \frac{3}{9}$$



2

$$\frac{3}{4}$$



$$= \frac{6}{8}$$



$$= \frac{9}{12}$$

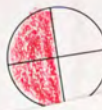


3

$$\frac{1}{2}$$



$$= \frac{2}{4}$$



$$= \frac{4}{8}$$

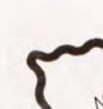


4

$$\frac{4}{5}$$



$$= \frac{8}{10}$$



NAME: _____

EQUIVALENT FRACTIONS

Identifying equivalent fractions

Directions: For each given fraction below, create equivalent fractions by shading the diagram and writing the equivalent fraction.

$$= \frac{2}{4}$$

$$= \frac{4}{8}$$

$$\frac{4}{4}$$

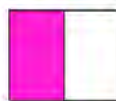
EQUIVALENT FRACTIONS

Identifying equivalent fractions

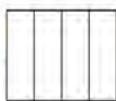
Directions: For each given fraction below, create equivalent fractions. Shade the diagrams by selecting the parts you want to shade and using the paint bucket tool. Write the equivalent fractions.

1

$$\frac{1}{2}$$



$$= \frac{2}{4}$$



$$= \frac{4}{8}$$



2

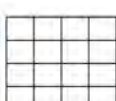
$$\frac{1}{4}$$



$$= \frac{2}{8}$$



$$= \frac{4}{16}$$

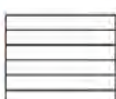


3

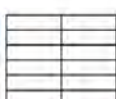
$$\frac{2}{3}$$



$$= \frac{4}{6}$$



$$= \frac{8}{12}$$



EQUIVALENT FRACTIONS

Equivalent fractions are two fractions that are the same located at the same point on the number line.



$$=$$



$$=$$



$$\frac{4}{6}$$

NAME: _____

EQUIVALENT FRACTIONS

Directions: Each shape in the picture is a fraction for each shape. Color the shape.

Green	Yellow	Purple
$\frac{1}{4}$	$\frac{1}{2}$	$\frac{2}{3}$



NAME: _____ DATE: _____

EQUIVALENT FRACTIONS

equivalent fraction pies

NAME: _____ DATE: _____

EQUIVALENT FRACTIONS

color by number

Each shape in the picture contains a fraction. Use the key to find an equivalent fraction for each shape. Color the shapes according to the key.

Yellow	Purple	Red	Blue	Pink	Brown	Orange
$\frac{1}{2}$	$\frac{2}{3}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{3}{8}$	$\frac{2}{5}$	$\frac{3}{4}$



NAME: _____ DATE: _____

EQUIVALENT FRACTIONS

identifying equivalent fractions

Given fraction below, create equivalent fractions by shading the rectangles.

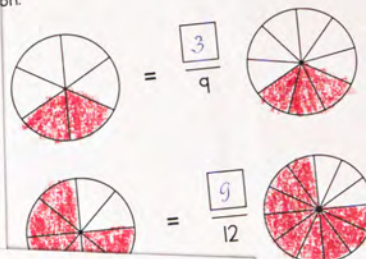


NAME: _____ DATE: _____

FRACTIONS

equivalent fractions

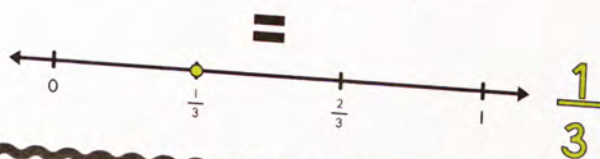
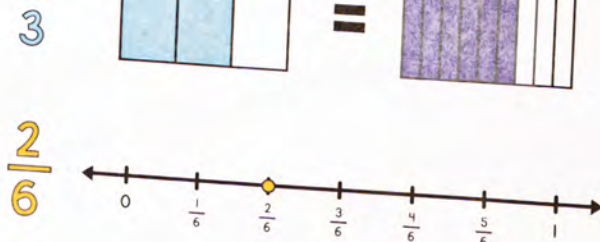
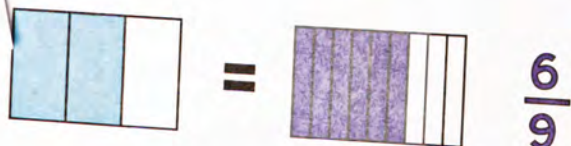
create equivalent fractions by shading the circles.



What is an EQUIVALENT FRACTION?

EQUIVALENT FRACTIONS

are two fractions that are the same size or located at the same point on the number line.



NAME: _____

EQU

Directions: Show
Then, show eq

- $\frac{1}{4}$
 $\frac{2}{8}$
 $\frac{4}{16}$

NAME: _____

EQUIVALENT FRACTIONS

Directions: Each shape in the picture contains a fraction. Use the key to find an equivalent fraction for each shape. Color the shapes according to the key.

Green	Yellow	Purple	Red	Blue	Pink	Brown	Orange
$\frac{1}{4}$	$\frac{1}{2}$	$\frac{2}{3}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{3}{8}$	$\frac{2}{5}$	$\frac{3}{5}$

DATE: _____

color by number

NAME: _____

EQUIVALENT FRACTIONS

Identifying equivalent fractions

What is an

EQUIVALENT FRACTIONS

that are the same
point on the number line

EQUIVALENT FRACTIONS

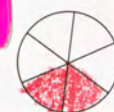
number lines

Directions: Plot each given fraction on the number line. Drag the vertical lines to partition the number line and the dot to plot the fraction. Then, show equivalent fractions with the given denominators on the number lines. Write the equivalent fractions.



Drag to
partition

Drag to
plot



5

$\frac{1}{8}$



$\frac{2}{16}$

$\frac{3}{24}$

What is an EQUIVALENT FRACTION?

EQUIVALENT FRACTIONS

are two that are the same size or number line.

EQUIVALENT FRACTIONS

Identifying equivalent fraction pies

Directions: For each find two equivalent fractions

- $\frac{1}{4}$
- $\frac{2}{3}$
- $\frac{1}{2}$
- $\frac{1}{1}$

NAME: _____ DATE: _____

EQUIVALENT FRACTIONS

Identifying equivalent fractions

Directions: For each given fraction below, create equivalent fractions by shading the diagram and writing the equivalent fraction.

1 $\frac{1}{3}$  = $\frac{2}{6}$  = $\frac{3}{9}$ 

EQUIVALENT FRACTIONS

Directions: For each given fraction below, show it on the pie. Partition the pie using the line tool , and shade with the scribble tool . Then, find two equivalent fractions. Write the fractions and partition and shade to show on the pie.

3 $\frac{1}{2}$  =  =  

4 $\frac{1}{10}$  =  =  

EQUIVALENT FRACTIONS									
$\frac{15}{24}$	$\frac{10}{32}$	$\frac{25}{40}$	$\frac{30}{48}$	$\frac{35}{56}$					
$\frac{27}{30}$	$\frac{36}{40}$	$\frac{45}{50}$	$\frac{54}{60}$	$\frac{63}{70}$	$\frac{72}{80}$	$\frac{81}{90}$	$\frac{90}{100}$	$\frac{96}{120}$	$\frac{108}{120}$

3 $\frac{5}{6}$

☐ 12

☐ 24



EQUIVALENT FRACTIONS

4th grade

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7. Test (4 pages)



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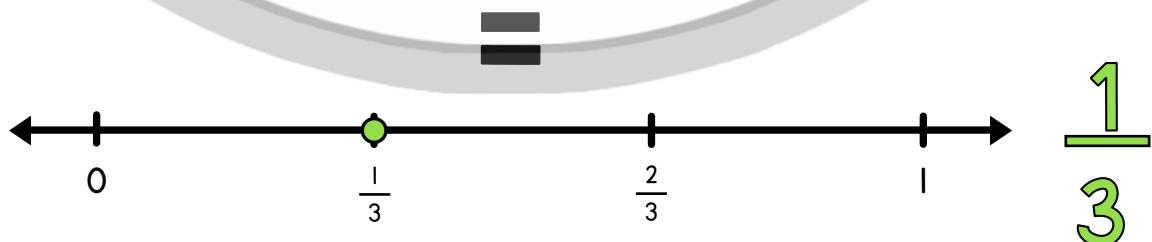
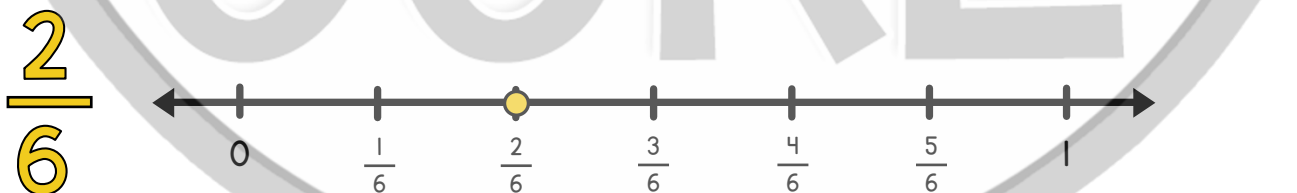
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what is an EQUIVALENT FRACTION?



EQUIVALENT FRACTIONS

are two fractions that are the same size or located at the same point on the number line.



FINDING EQUIVALENT FRACTIONS

You can find equivalent fractions for any given fraction by multiplying the **NUMERATOR** and the **DENOMINATOR** by the same number.

ORIGINAL FRACTION

$$\frac{1}{4}$$

$$\frac{1}{4}$$

$$\frac{1}{4}$$

$$\frac{1}{4}$$

$$\frac{1}{4}$$

MULTIPLICATION

$$\frac{1}{4} \times \frac{2}{2}$$

$$\frac{1}{4} \times \frac{3}{3}$$

$$\frac{1}{4} \times \frac{5}{5}$$

$$\frac{1}{4} \times \frac{10}{10}$$

$$\frac{1}{4} \times \frac{25}{25}$$

EQUIVALENT FRACTION

$$\frac{2}{8}$$

$$\frac{3}{12}$$

$$\frac{5}{20}$$

$$\frac{10}{40}$$

$$\frac{25}{100}$$

NAME: _____

DATE: _____

EQUIVALENT FRACTIONS

identifying equivalent fractions

Directions: For each given fraction below, create equivalent fractions by shading the diagram and writing the equivalent fraction.

1

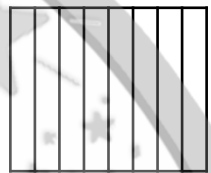
$$\frac{1}{2}$$

 $=$

$$\frac{\square}{4}$$

 $=$

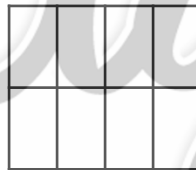
$$\frac{\square}{8}$$

**2**

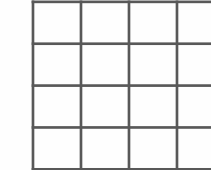
$$\frac{1}{4}$$

 $=$

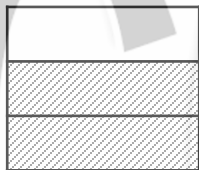
$$\frac{\square}{8}$$

 $=$

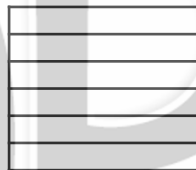
$$\frac{\square}{16}$$

**3**

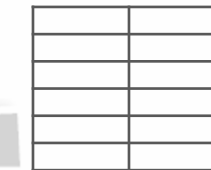
$$\frac{2}{3}$$

 $=$

$$\frac{\square}{6}$$

 $=$

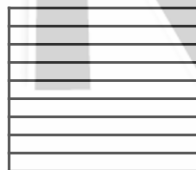
$$\frac{\square}{12}$$

**4**

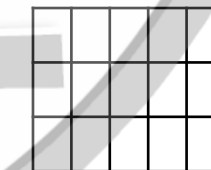
$$\frac{1}{3}$$

 $=$

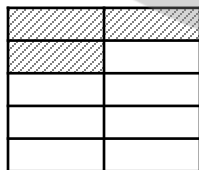
$$\frac{\square}{9}$$

 $=$

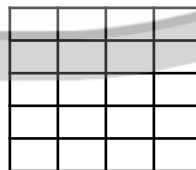
$$\frac{\square}{15}$$

**5**

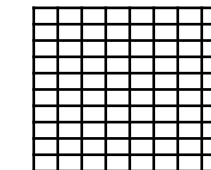
$$\frac{3}{10}$$

 $=$

$$\frac{\square}{20}$$

 $=$

$$\frac{\square}{80}$$



NAME: _____

DATE: _____

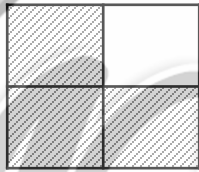
EQUIVALENT FRACTIONS

identifying equivalent fractions

Directions: For each given fraction below, create equivalent fractions by partitioning and shading the diagram and writing the equivalent fraction.

1

$$\frac{3}{4}$$

 $=$

$$\frac{\square}{8}$$

 $=$

$$\frac{\square}{12}$$

**2**

$$\frac{1}{3}$$

 $=$

$$\frac{\square}{6}$$

 $=$

$$\frac{\square}{9}$$

**3**

$$\frac{1}{2}$$

 $=$

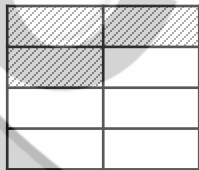
$$\frac{\square}{6}$$

 $=$

$$\frac{\square}{10}$$

**4**

$$\frac{3}{8}$$

 $=$

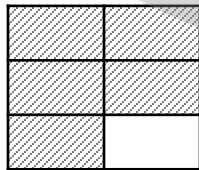
$$\frac{\square}{16}$$

 $=$

$$\frac{\square}{32}$$

**5**

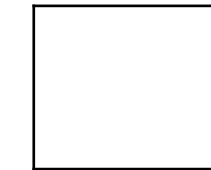
$$\frac{5}{6}$$

 $=$

$$\frac{\square}{12}$$

 $=$

$$\frac{\square}{18}$$



NAME: _____

DATE: _____

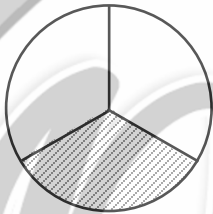
EQUIVALENT FRACTIONS

identifying equivalent fractions

Directions: For each given fraction below, create equivalent fractions by shading the diagram and writing the equivalent fraction.

1

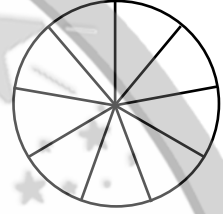
$$\frac{1}{3}$$

 $=$

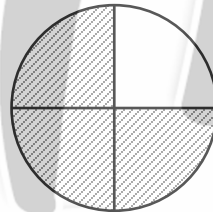
$$\frac{\square}{6}$$

 $=$

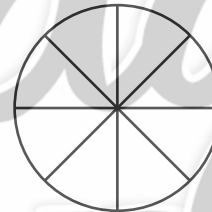
$$\frac{\square}{9}$$

**2**

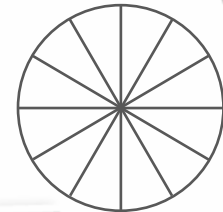
$$\frac{3}{4}$$

 $=$

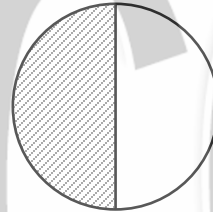
$$\frac{\square}{8}$$

 $=$

$$\frac{\square}{12}$$

**3**

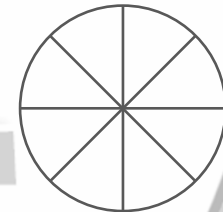
$$\frac{1}{2}$$

 $=$

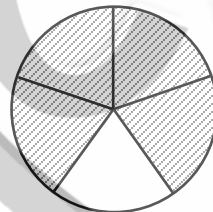
$$\frac{\square}{4}$$

 $=$

$$\frac{\square}{8}$$

**4**

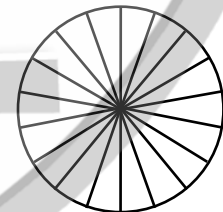
$$\frac{4}{5}$$

 $=$

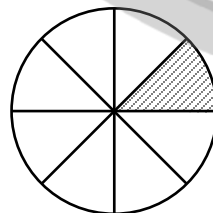
$$\frac{\square}{10}$$

 $=$

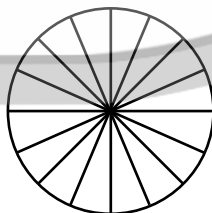
$$\frac{\square}{15}$$

**5**

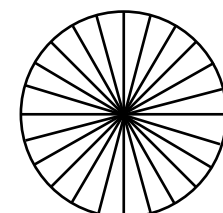
$$\frac{1}{8}$$

 $=$

$$\frac{\square}{16}$$

 $=$

$$\frac{\square}{24}$$



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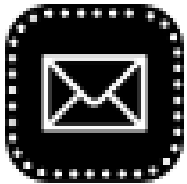
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